

**DECLARATION AND POWER OF ATTORNEY**

**ORIGINAL APPLICATION**

As below named inventors, we hereby declare that:

Our residence, post office address and citizenship are as stated below next to our names.

We believe we are the original, first and joint inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**APPARATUS AND METHOD OF CTCM ENCODING AND DECODING FOR A  
DIGITAL COMMUNICATION SYSTEM**

the specification of which

- ☒ is attached hereto;  
☐ was filed on \_\_\_\_\_ as Application Serial No. \_\_\_\_\_;  
☐ and was amended on \_\_\_\_\_  
(if applicable)

We hereby state that we have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

We acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

We hereby claim the benefit of foreign priority under 35 USC §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s):

_____	_____	_____
(Number)	(Country)	(Day/Month/Year)

Priority Claimed:

- ☐ Yes  
☐ No

We hereby claim the benefit of United States priority under 35 §§ USC 120 and 363 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of

this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 USC §112, we acknowledge the duty to disclose information material to the patentability of this application as defined in 37 CFR 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

(Application Serial No.)	(Filing Date)	(Status)
--------------------------	---------------	----------

(Application Serial No.)	(Filing Date)	(Status)
--------------------------	---------------	----------

(Application Serial No.)	(Filing Date)	(Status)
--------------------------	---------------	----------

We hereby claim the benefit of United States priority under 35 USC §119(e) of any United States provisional application(s) listed below:

(Provisional Application No.)	(Filing Date)
-------------------------------	---------------

We hereby appoint the following attorney(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Charles B. Lyon  
Reg. No. 25,739

Tara A. Kastelic  
Reg. No. 35,980

Jeanne E. Longmuir  
Reg. No. 33,133

Mary E. Golrick  
Reg. No. 40,144

John S. Cipolla  
Reg. No. 37,597

June E. Rickey  
Reg. No. 40,144

John T. Wiedemann  
Reg. No. 28,920

Leonard L. Lewis  
Reg. No. 31,176

Ronald D. Gutt  
Reg. No. 43,650

William E. Zitelli  
Reg. No. 28,551

George Hoskins  
Reg. No. P46,780

James Balazs  
Reg. No. 47,401

Address all telephone calls to William E. Zitelli at telephone number 216/622-8229.

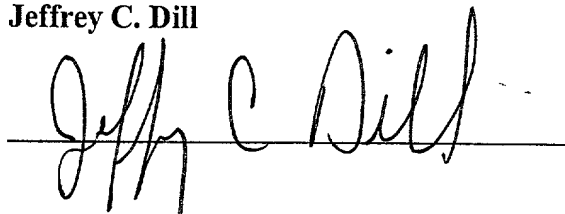
Address all correspondence to William E. Zitelli, Calfee, Halter & Griswold LLP, 800 Superior Avenue, 1400 McDonald Investment Center, Cleveland, Ohio 44114-2688.

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

**Full name of  
first inventor:**

Jeffrey C. Dill

Inventor's  
Signature:



3-10-01  
Date

Residence:

3 Annette Drive  
Athens, Ohio 45701

Citizenship:

U.S.A.

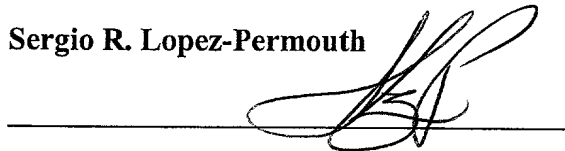
Post Office Address:

3 Annette Drive  
Athens, Ohio 45701

**Full name of  
second inventor:**

Sergio R. Lopez-Permouth

Inventor's  
Signature:



3-12-01  
Date

Residence:

14 Maplewood Drive  
Athens, Ohio 45701

Citizenship:

U.S.A. Guatemala

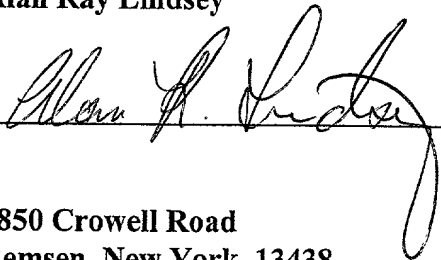
Post Office Address:

14 Maplewood Drive  
Athens, Ohio 45701

Full name of  
third inventor:

Alan Ray Lindsey

Inventor's  
Signature:



4-6-01

Date

Residence:

9850 Crowell Road  
Remsen, New York 13438

Citizenship:

U.S.A.

Post Office Address:

9850 Crowell Road  
Remsen, New York 13438

Full name of  
fourth inventor:

Frank A. Alder

Inventor's  
Signature:



4-4-01

Date

Residence:

36380 Alder Road  
McArthur, Ohio 45651

Citizenship:

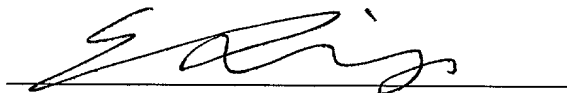
U.S.A.

Post Office Address:

36380 Alder Road  
McArthur, Ohio 45651

**Full name of  
fifth inventor:** Xiangyu Song

Inventor's  
Signature:



3/20/01

Date

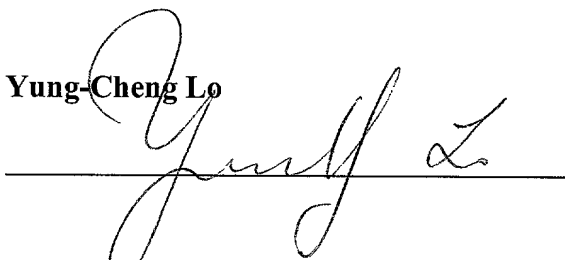
Residence: 4540 Risinghill Drive  
Plano, Texas 75024

Citizenship: P.R. China

Post Office Address: 4540 Risinghill Drive  
Plano, Texas 75024

**Full name of  
sixth inventor:** Yung-Cheng Lo

Inventor's  
Signature:



3-28-01

Date

Residence: 2268 Sanderling Court  
San Leandro, California 94579

Citizenship: Taiwan, R.O.C.

Post Office Address: 2268 Sanderling Court  
San Leandro, California 94579